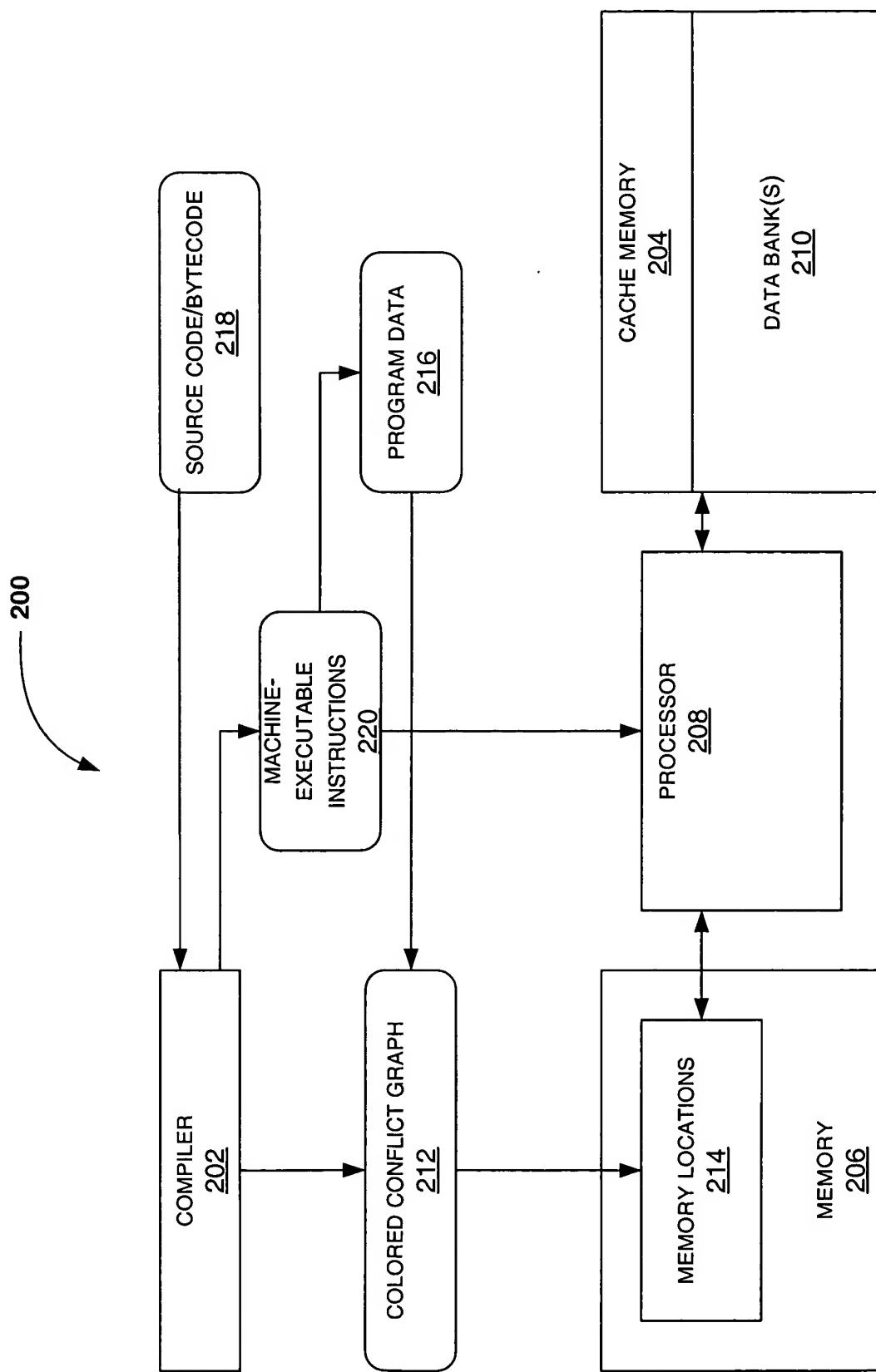
**FIG. 1**

**FIG. 2**

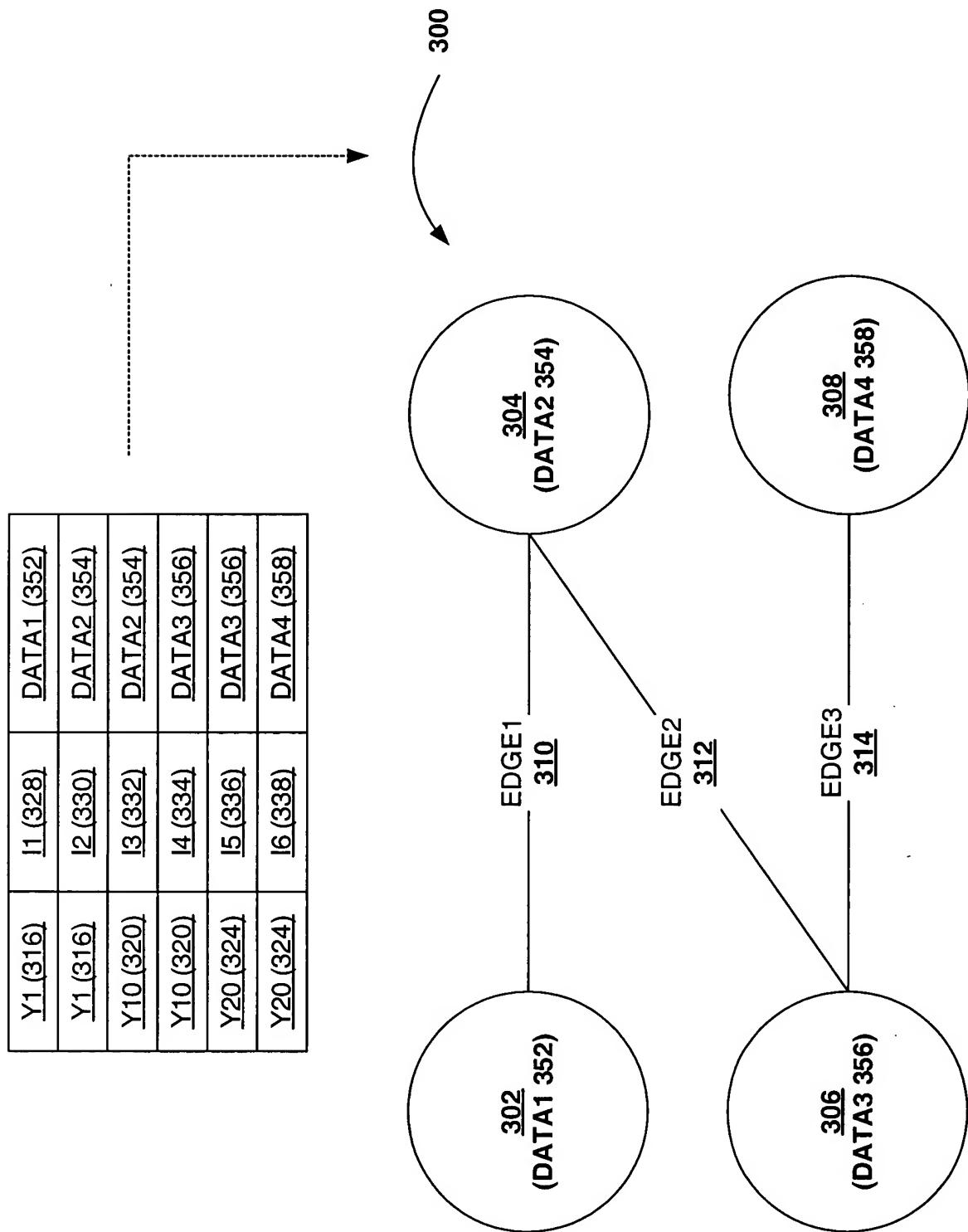
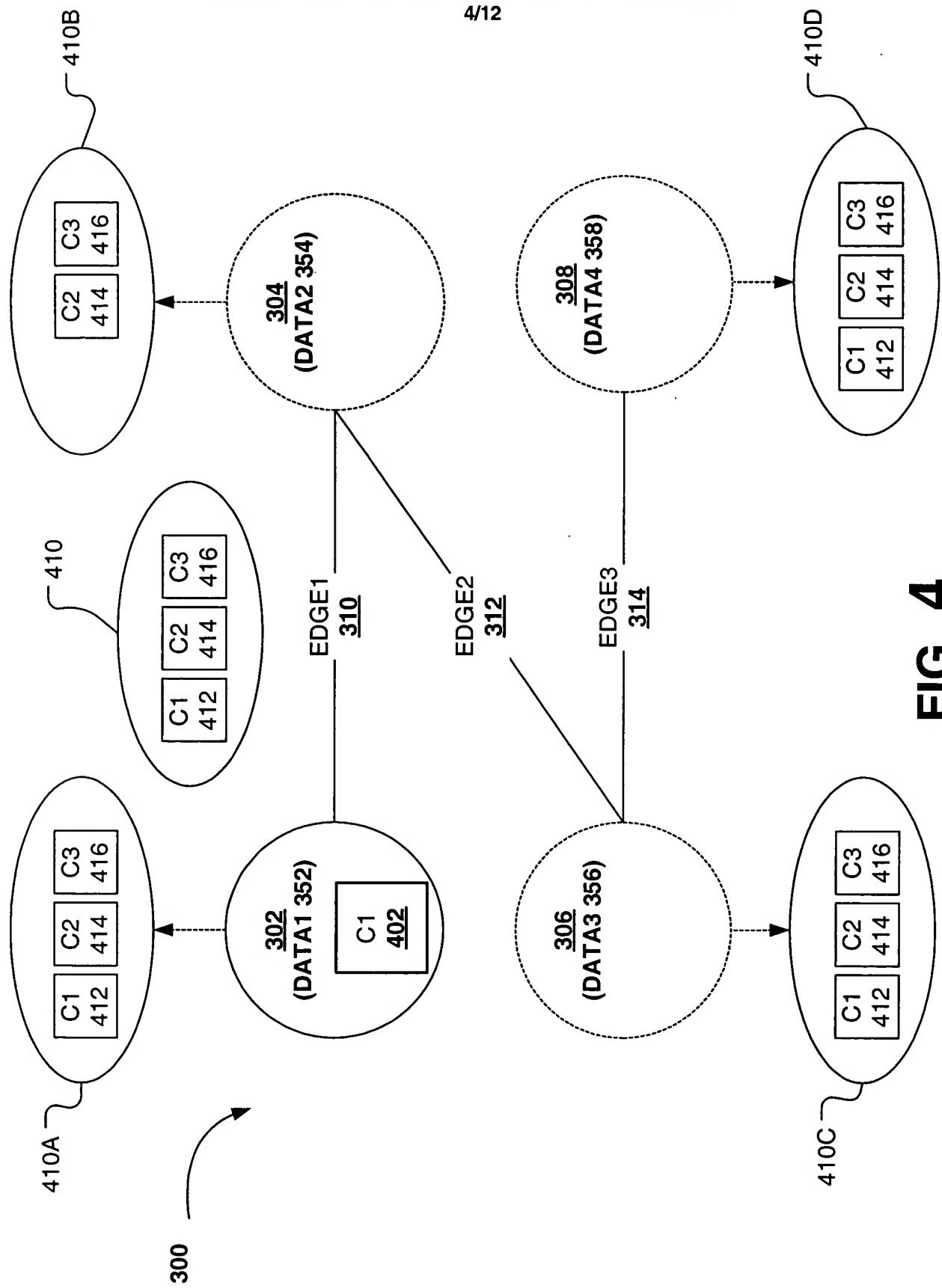


FIG. 3

**FIG. 4**

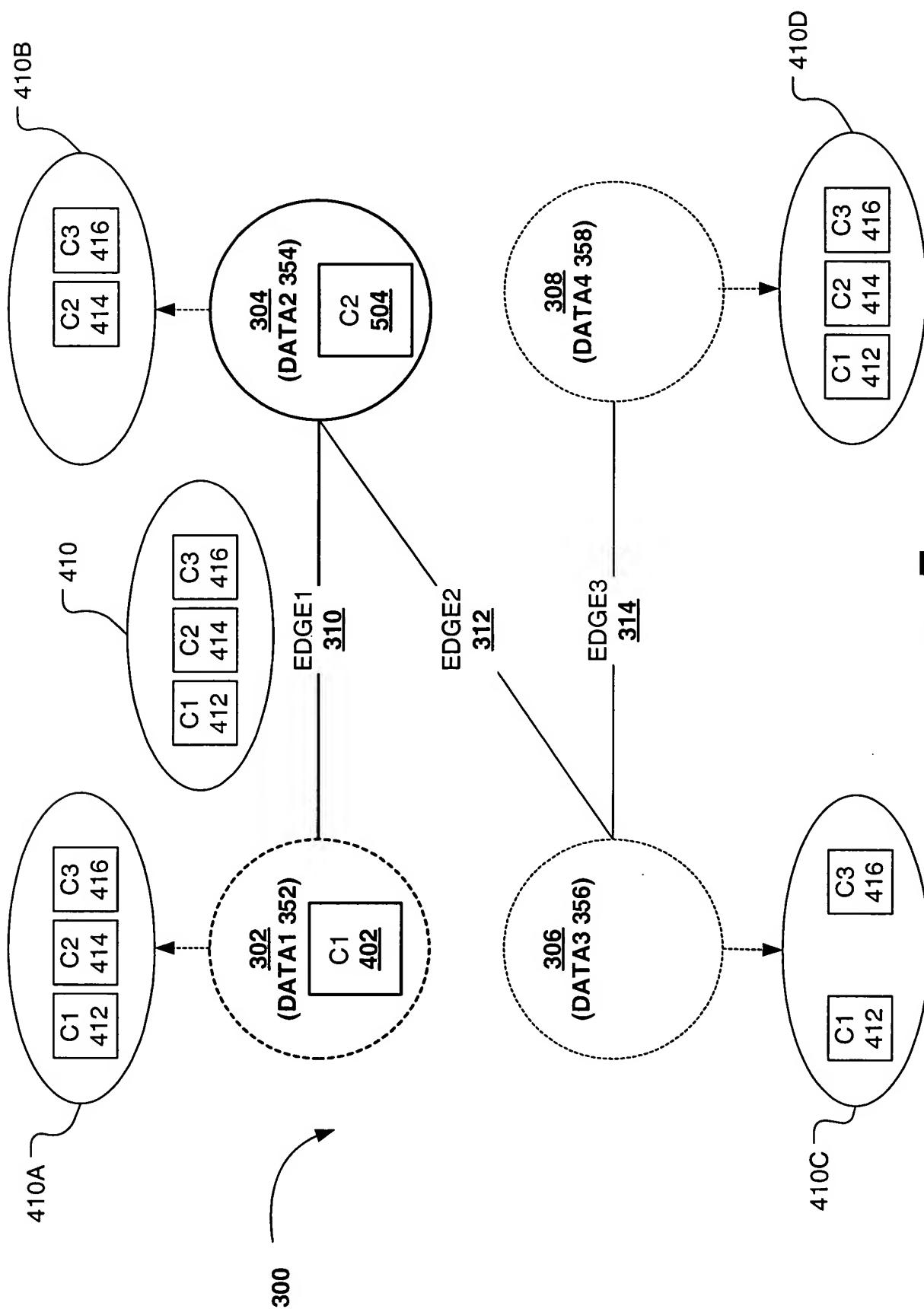
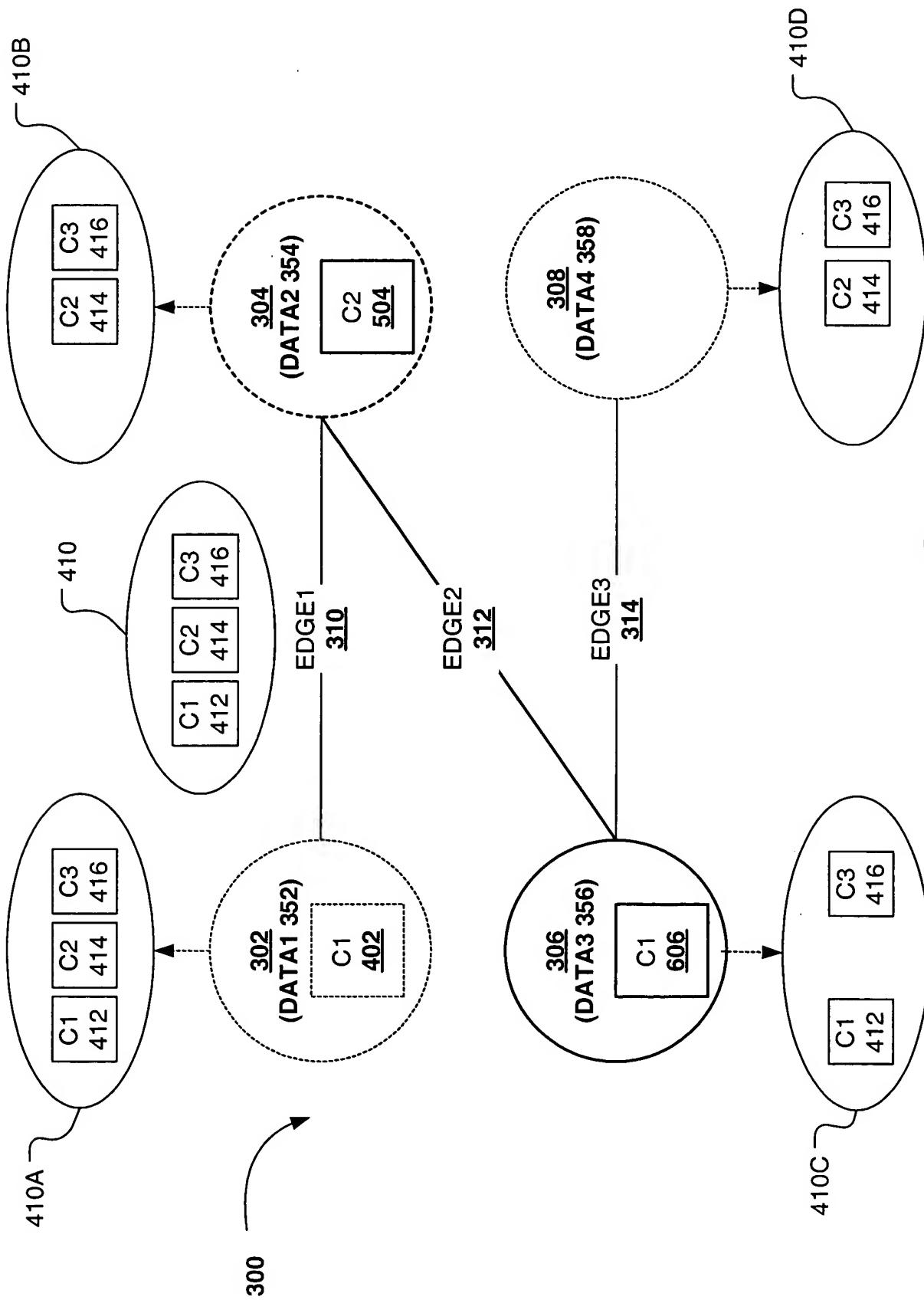


FIG. 5



**FIG. 6**

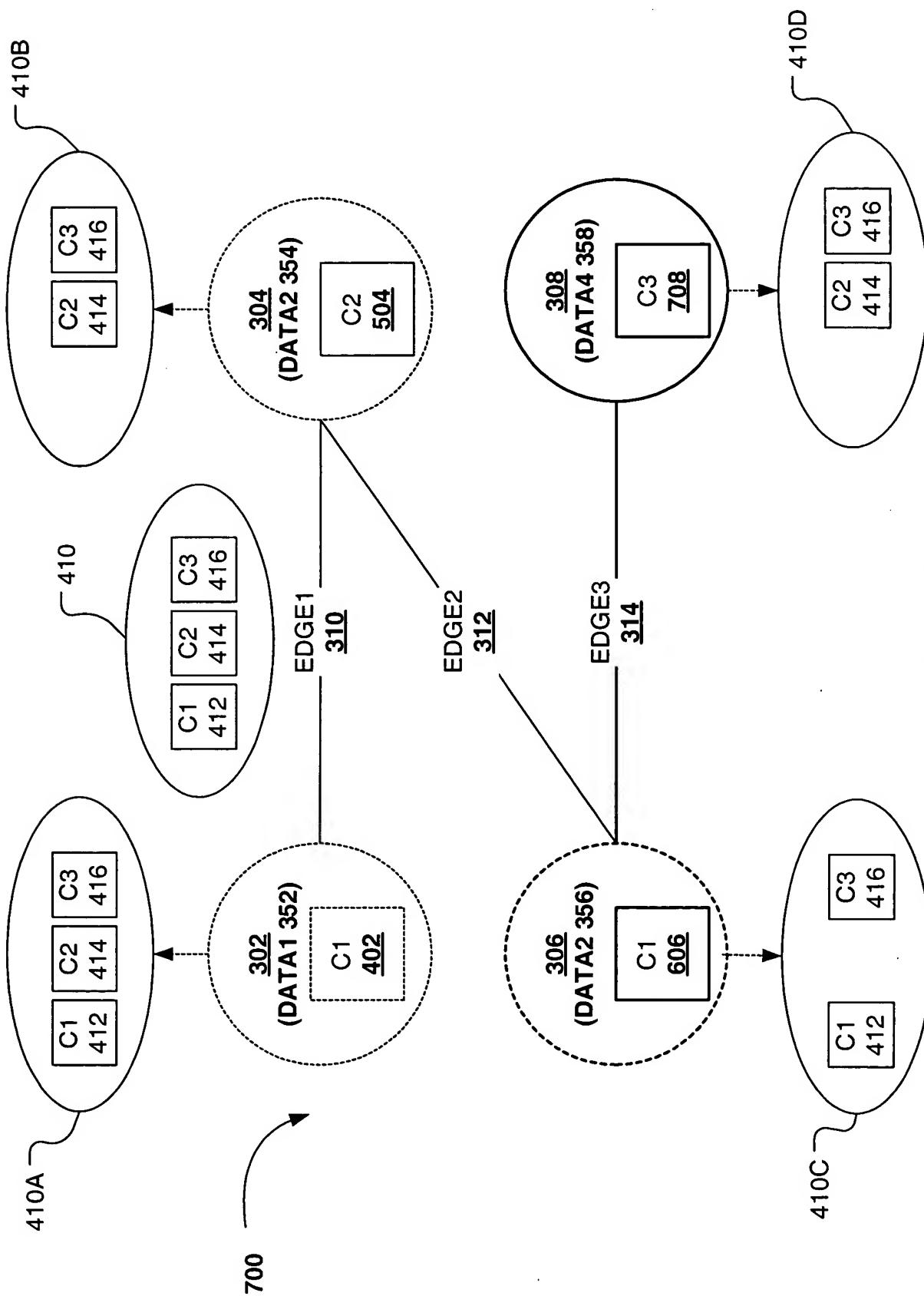


FIG. 7

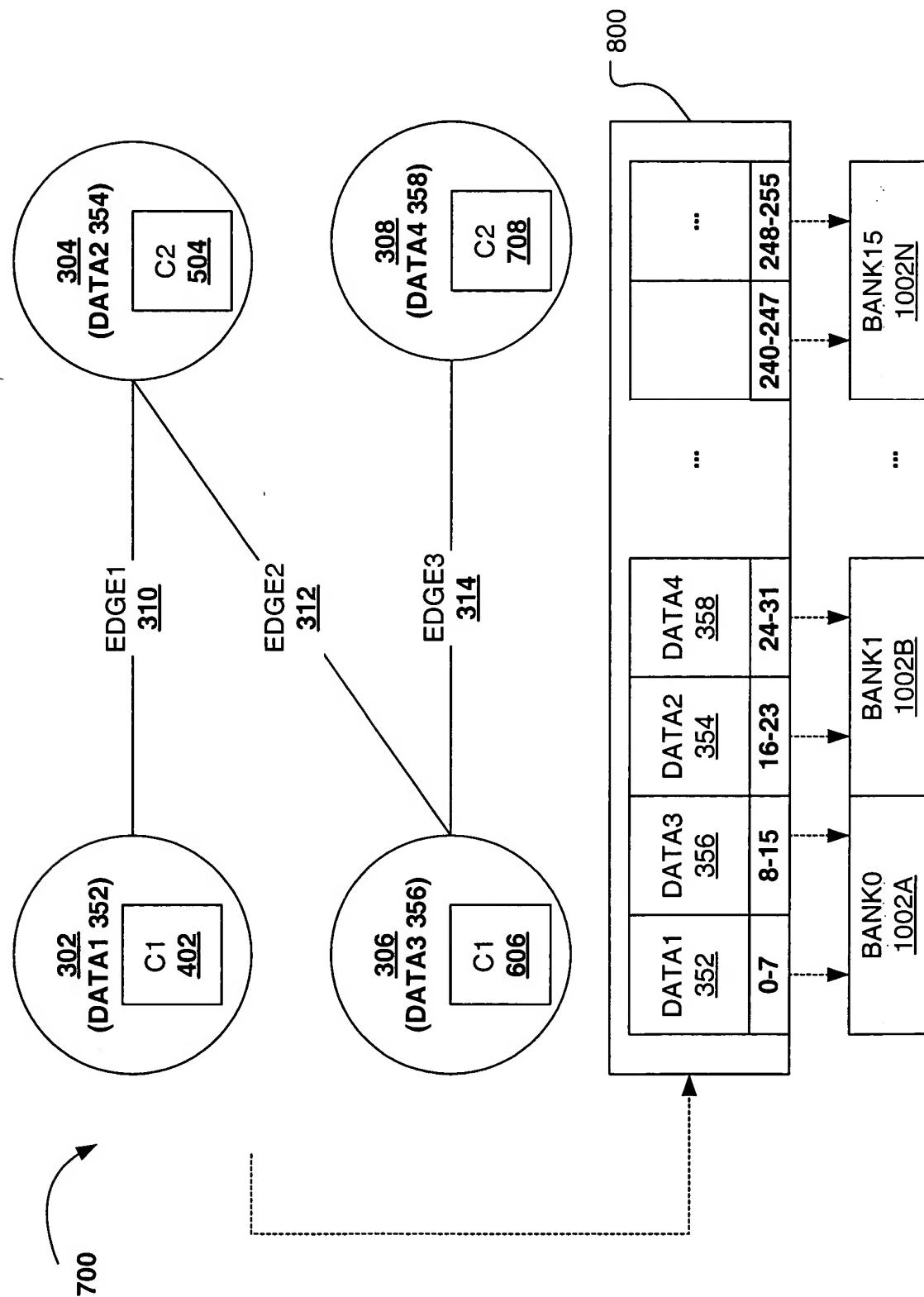


FIG. 8

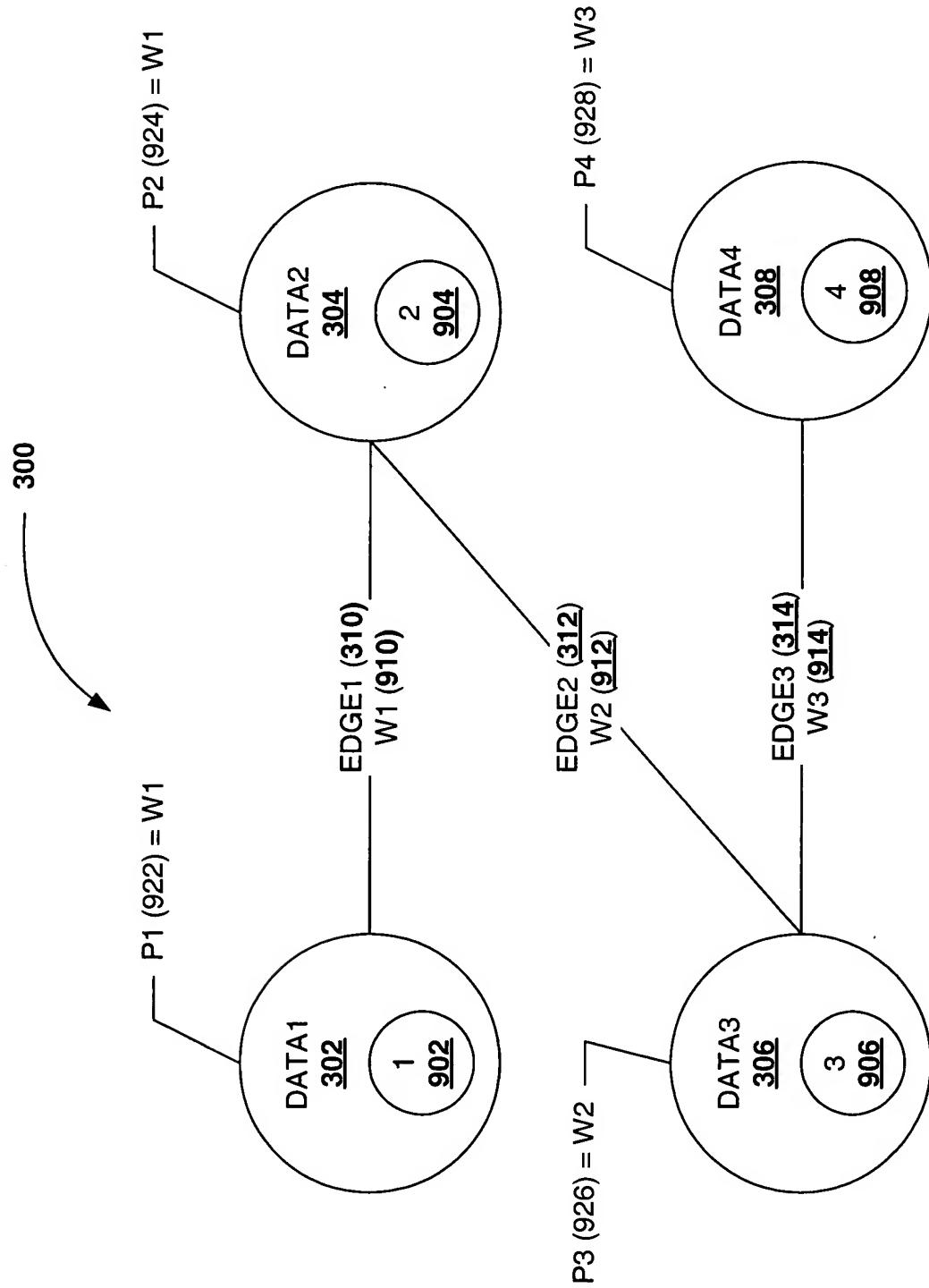
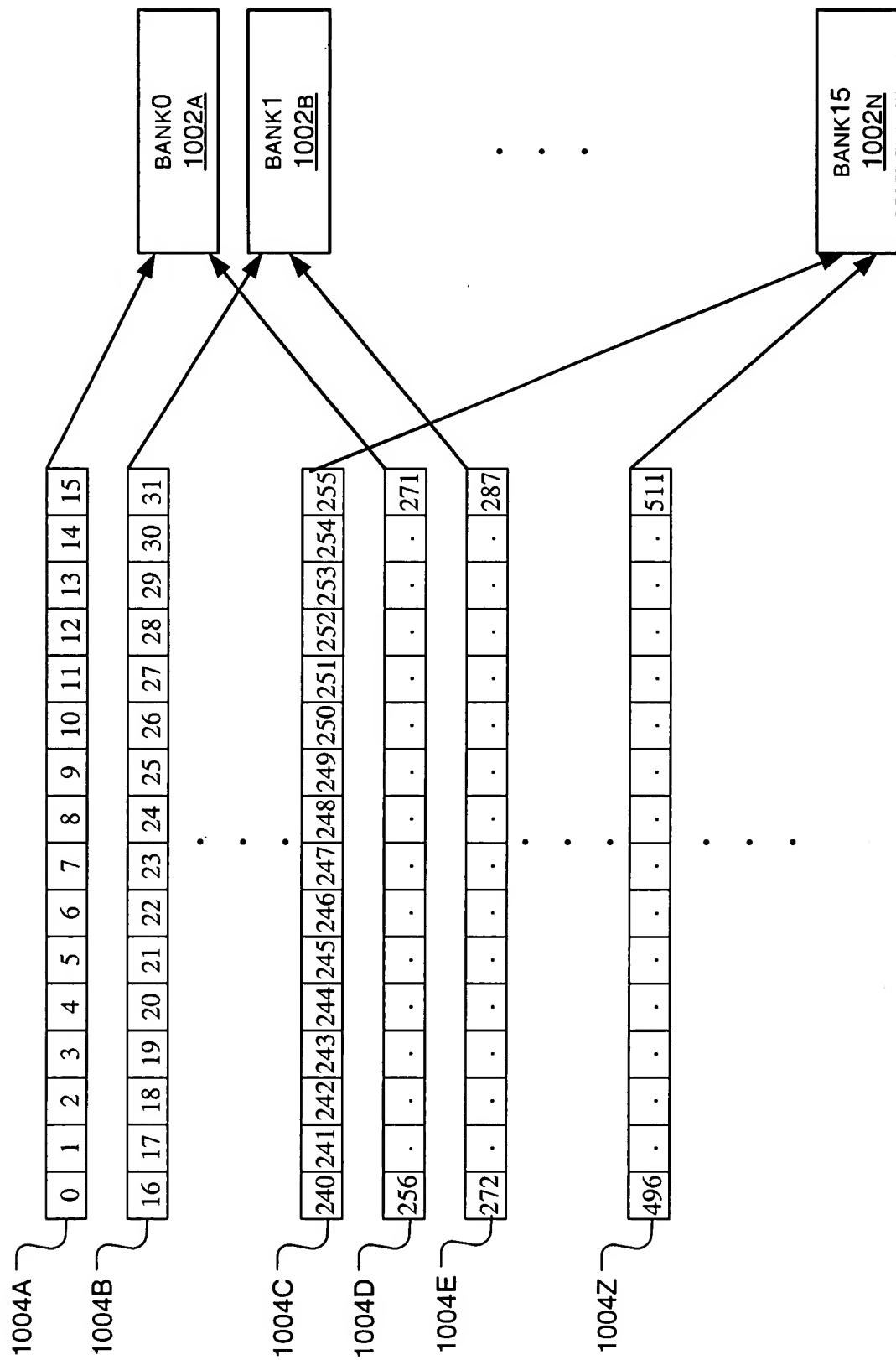


FIG. 9



**FIG. 10**

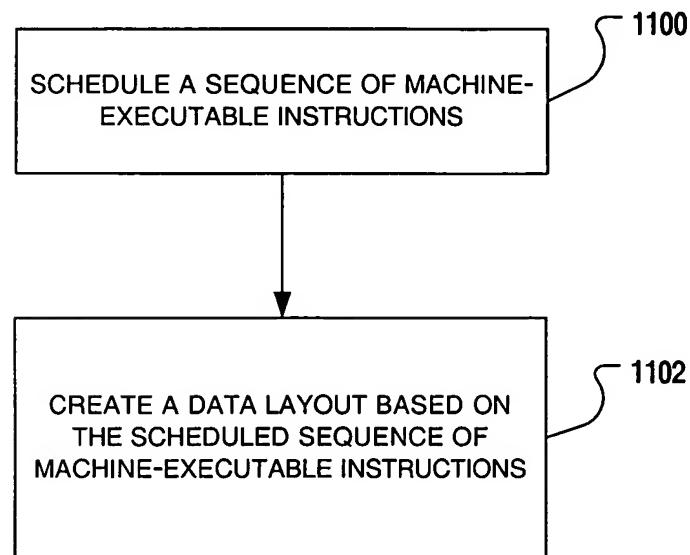
**TITLE: DATA LAYOUT MECHANISM TO REDUCE HARDWARE RESOURCE CONFLICTS**

**INVENTORS: TATIANA SHPEISMAN, ALI-REZA ADL-TABATABAI**

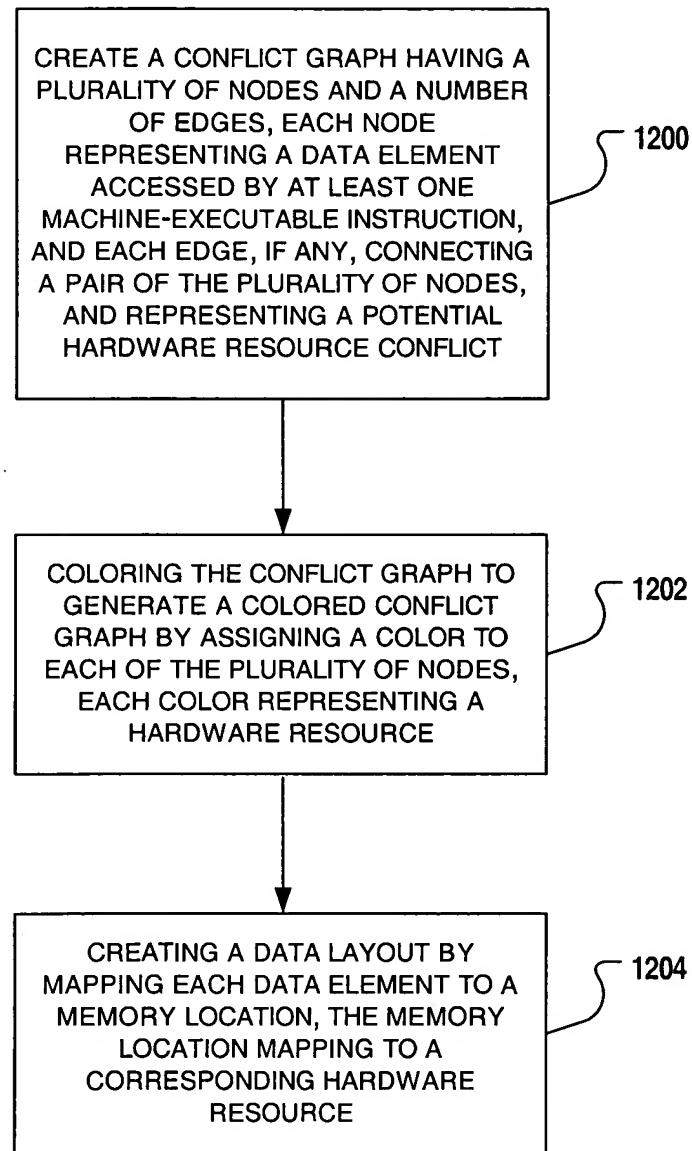
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**FIG. 11**



**FIG. 12**